Irrigation Potential

295. SHRI ANNASAHIB M.K. PATIL :
SHRI PRAMOD MAHAJAN :
SHRIMATI MEIRA KUMAR :

Will the Minister of WATER RESOURCES be pleased to state :

(a) whether there has been a big gap between the irrigation potential created and fully utilised in the country;

(b) if so, the details thereof at the end of Sixth, Seventh and Eighth Five Year Plans, project-wise and State-wise;

(c) whether Government propose to transfer the control of the irrigation systems like canals to the farmers through participatory management, because they can ensure better delivery of the service keeping in view the crop needs;

(d) if so, the details thereof;

(e) the steps taken in this regard; and

(f) if not, the reasons therefor ?

THE MINISTER OF WATER RESOURCES (SHRI JANESHWAR MISHRA) : (a) There exists a gap between irrigation potential created and its utilisation.

(b) The details are given in the attached Statement.

(c) to (f) National Water Policy 1987 stipulates to involve farmers progressively in various aspects of managements of irrigation system particularly in water distribution and collection of water rates. Under centrally sponsored Command Area Development Programme there is provisions for formation of Water Users' Associations at minor level for its maintenance and distribution of water amongst farmers.

The Union Government have taken the following steps to involve farmers in the management of irrigation :

(i) Giving management subsidy to farmers' associations under the centrally sponsored Command Area Development Programme;

(ii) Holding National Conference and Sponsoring State Level and Project Level Conference on Participatory Irrigation Management with farmers' participation in the State and project level to create awareness;

(iii) Conducting training courses for national and state level officers and farmers;

(iv) Providing States with guidelines and assisting them in preparation of Manuals for formation of water users' associations and introducing amendments in Irrigation Acts; and

(v) Advising State Governments to constitute High Level Working Groups to formulate policies and guidelines to promote participatory irrigation management.

Statement

State-wise details of Irrigation Potential Created (IPC), Irrigation Potential Utilised (IPU) and the gap between the two

(In Thousand Hectares)

S. No.	States/UTs	At the end of VI Plan			At the end of VII Plan			at the end of VIII Plan (Provisional)		
		IPC	IPU	Gap	IPC	IPU	Gap	IPC	IPU	Gap
1	2	3	4	5	6	7	8	9	10	11
1.	Andhra Pradesh	5243.0	4891.0	352.0	5788.0	5431.9	356.1	6362.9	5868.6	494.3
2.	Arunachal Pradesh	40.0	34.0	6.0	56.0	49.6	6.4	82.1	73.1	9.0
3.	Assam	489.0	404.0	85.0	681.0	535.9	145.1	849.6	642.7	206.9
4.	Bihar	5963.0	5154.0	814.0	7171.0	6250.0	921.0	8667.7	7614.2	1053.7
5.	Goa	15.0	14.0	1.0	30.2	21.0	9.2	35.8	32.1	3.7
6.	Gujarat	2729.0	2255.0	474.0	3049.3	2628.2	421.1	3392.4	3178.6	213.8
7.	Haryana	3310.0	3106.0	204.0	3509.0	3245.9	263.1	3675.5	3379.1	296.4
8.	Himachal Pradesh	123.0	110.0	13.0	134.6	118.7	15.9	159.6	133.3	26.3

1	2	3	4	5	6	7	8	9	10	11
9.	Jammu & Kashmir	490.0	439.0	51.0	514.3	463.2	51.1	549.2	514.4	34.8
10.	Karnataka	2313.0	2168.0	145.0	2663.4	2500.4	163.0	3323.5	3000.9	322.6
11.	Kerala	765.0	707.0	58.0	881.4	792.3	89.1	1243.8	1158.5	85.3
12.	Madhya Pradesh	3584.0	2942.0	642.0	4196.4	3516.2	680.2	5019.6	4119.7	899.9
13.	Maharashtra	3719.0	2586.0	1133.0	4380.1	3140.6	1239.5	4915.6	3867.2	1048.4
14.	Manipur	79.0	59.0	20.0	105.9	85.5	20.4	151.1	127.7	23.4
15.	Meghalaya	35.0	32.0	3.0	40.4	35.6	4.8	53.1	46.7	6.4
16.	Mizoram	7.0	6.0	1.0	9.5	8.2	1.3	13.1	11.4	1.7
17.	Nagaland	51.0	47.0	4.0	62.7	54.4	8.3	68.0	57.9	10.1
18.	Orissa	2296.0	2158.0	138.0	2512.2	2313.5	198.7	2971.5	2604.0	367.5
19.	Punjab	5426.0	5373.0	53.0	5596.7	5505.4	91.3	5934.1	5805.0	129.1
20.	Rajasthan	3699.0	3488.0	211.0	4167.1	3943.3	232.8	4821.2	4360.2	461.0
21.	Sikkim	14.0	10.0	4.0	20.4	15.0	4.5	25.8	20.1	5.7
22.	Tamil Nadu	3449.0	3449.0	0.0	3597.4	3585.3	12.1	3736.0	3726.3	9.7
23.	Tripura	58.0	50.0	8.0	92.5	74.5	8.0	101.5	93.6	7.9
24.	Uttar Pradesh	18354.0	16600.0	1754.0	23309.0	20887.0	2422 0	30379.7	27452.0	3327.7
25.	West Bengal	2887.0	2669.0	218.0	3868.6	3307.0	561.6	4749.7	4042.4	707.3
	Total States	65143.0	58751.0	6392.0	76436.1	68509.5	7926.6	91682.3	81929.7	9752.6
	Total UTs	72.0	72.0	0.0	89.3	77.1	12.2	108.1	94.4	28.7
	Grand Total	65215.0	58823.0	6392.0	76525.4	68586.6	7938.8	91790.4	82024.1	9766.3

NOTE : As the state-wise figures of creation and utilisation of potential also include creation and utilisation of potential through a very large number of minor irrigation projects and as the project-wise details of creation and utilisation of irrigation potential of Minor Irrigation projects are not maintained at the Central Government level, it is not possible to give project-wise details in this regard.